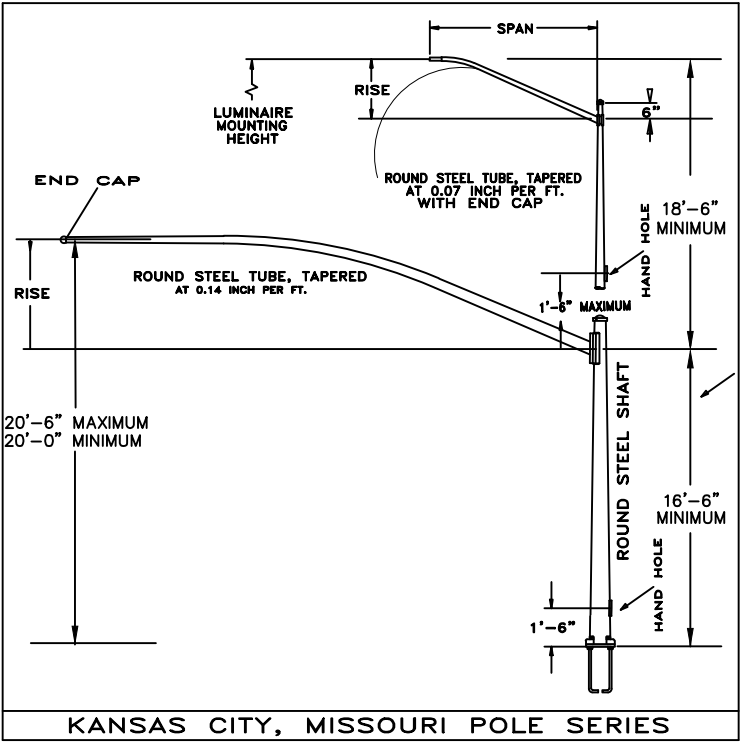


GENERAL NOTES

- ALL POLES, ARMS AND MISCELLANEOUS EQUIPMENT SHALL CONFORM WITH THESE DETAILS AND THE LATEST EDITION OF THE RELEVANT KCMO STANDARD SPECIFICATIONS.
- ALL STRUCTURES TO MEET THE DESIGN CRITERIA OF THE 2009 OR LATEST AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS FOR 90 M.P.H. WIND ZONE WITH A 50 YEAR RECURRENCE INTERVAL, APPROPRIATE FATIGUE CATEGORY, GALLOPING AND TRUCK INDUCED LOADS.
- ALL SHOP DRAWINGS FOR EQUIPMENT TO BE USED SHALL BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER AND APPROVED BY THE PROJECT MANAGER OR HIS/HER AUTHORIZED REPRESENTATIVE PRIOR TO ORDERING EQUIPMENT.
- ALL CIRCUIT CABLES IN PULL BOXES, CONTROLLERS AND POLES SHALL BE IDENTIFIED WITH COLOR TAPES PER STANDARD SPECIFICATION (FOR CIRCUIT LABELING, SEE SPECIFICATION).
- ALL OPENINGS IN POLES, POSTS, BRACKETS, ETC. TO BE CAPPED WATER TIGHT. POLE CAPS, END CAPS AND HAND HOLE COVERS SHALL BE SECURED TO THE POLE/ARM WITH A NO. 12 STAINLESS STEEL SINGLE JACK CAPTIVE CHAIN USING 0.19" x 0.50" POP RIVETS.
- HAND HOLES SHALL HAVE A 5.50" HORIZONTAL OPENING AND 11.00" VERTICAL OPENING
- MAST ARM DESIGN SHALL ENSURE THAT THE BOTTOM OF THE SIGNAL HOUSING, SIGNS AND ANY RELATED ATTACHMENTS LOCATED OVER ANY PORTION OF A STREET OR HIGHWAY THAT CAN BE USED BY MOTOR VEHICLES SHALL BE BETWEEN 16 FEET AND 19 FEET ABOVE THE PAVEMENT.
- 3.00" x 5.00" ALUMINIUM ID TAGS SHALL BE SECURED TO THE SHAFTS WITH 4 - 0.19" RIVETS AT 12" ABOVE LOWER HANDHOLE AND TO THE BACK OF THE MAST ARM AT 12" FROM THE SIGNAL ARM ATTACHMENT. ID TAGS SHALL BE STAMPED WITH INFORMATION ABOUT MANUFACTURER, DATE OF MANUFACTURE, SHOP DRAWING NUMBER, P.O NUMBER, DESIGNATION, ANCHOR/CONNECTING BOLT CIRCLE/DIAMETER AND SPACING, AND SIMPLEX PLATE ANGLE, AS REQUIRED BY THE CITY. ALL TEXT TO BE A MINIMUM OF 0.15" IN HEIGHT.



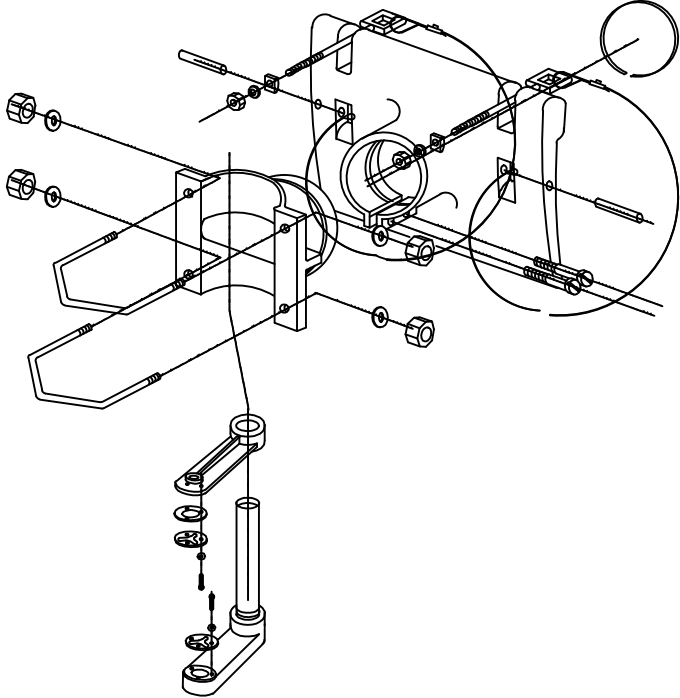
MANUFACTURER	DATE OF MANUFACTURE
SHOP DRAWING NO.	PURCHASE ORDER NO.
DESIGNATION	
CONNECTING BOLT SPACING OR ANCHOR BOLT CIRCLE	CONNECTING BOLT DIA. OR ANCHOR BOLT DIA.
SIMPLEX PLATE ANGLE	

I.D TAG EXAMPLE

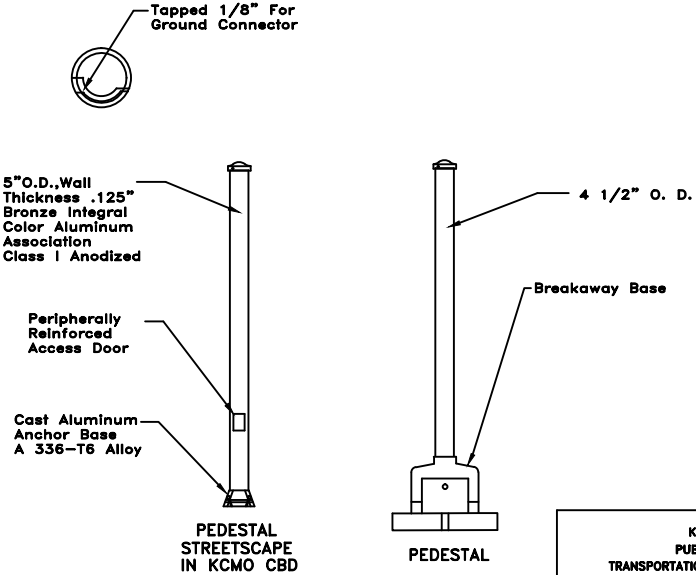
KC - 16.5 - 15 - 30 - 6 - GY	POLE FINISH (GY-GALVANIZED, PG-POWDER COATED OVER GALVANIZING, COLOR TO BE DETERMINED)
	LUMINAIRE ARM SPAN WHEN REQUIRED (6, 8, 10, 12, 15)
	LUMINAIRE MOUNTING HEIGHT WHEN REQUIRED (NL, SP, 30, 40)
	SIGNAL ARM SPAN (15, 20, 25, 30, 35, 40, 45, 50)
	SIGNAL ARM MOUNTING HEIGHT (16, 16.5, 17)
	KANSAS CITY POLE SERIES (KCS FOR STRAIGHT MAST ARM POLES)

DESIGNATION EXAMPLE

TYPE II BRACKET



DETAIL A
SIGNAL HANGER W/ ASTRO-BRAC ASSY. CABLE MOUNT



KANSAS CITY, MISSOURI PUBLIC WORKS DEPARTMENT TRANSPORTATION PLANNING AND DESIGN SECTION		
PEDESTAL AND MAST ARM DETAIL		
FEDERAL PROJ. NO.		
PROJ. NO.		
DRWN BY D.BUCHANAN S.VYERAMALLU	DATE 08/01/13	SCALE N.T.S.
DSGN BY S. AKULA	CHKD BY S. AKULA	
Sheet _____ of _____		TCD-0-4